

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-19 (Canceled).

Claim 20 (Currently Amended): A disposable container for centrifuging and treating a fluid biological material, the container comprising:

an open top end and a closed bottom end, wherein the top end comprises a removable lid including:

- a) a first opening passed through by a first cannula that can be connected operationally to the external environment to permit control entry and exit of air in conjunction with transfer of a fluid biological material into or from the container;
- b) a second opening passed through by a second cannula that can be accessed by a hollow needle to transfer a fluid biological material into or from the container through the hollow needle;
- c) a third opening passed through by a third cannula operationally connected to an attachment configured to receive and accommodate one end of a syringe to transfer a fluid biological material into or from the container through the third cannula whose length is at least equal to the height of the container; and
- d) wherein the top end of the first cannula includes a removable stopper for controlling the entry and exit of air in conjunction with the transfer of a fluid biological material into or from the container,

further comprising a selectively openable tap arranged between the top end and the first cannula to control entry and exit of air through the first cannula, and wherein the second cannula can be accessed by the hollow needle through a pierceable membrane in the second cannula.

Claim 21. (Previously Presented): A container according to claim 20, wherein the top end of the first cannula is shaped so as to receive and accommodate one end of a syringe or an adaptor fitted onto the end of the syringe to transfer a fluid biological material into or from the container through the first cannula.

Claims 22-23 (Cancelled).

Claim 24 (Previously Presented): A container according to claim 20, wherein the hollow needle includes a connector configured to receive and accommodate one end of a syringe.

Claim 25 (Previously Presented): A container according to claim 24, wherein the end of a syringe includes an adaptor including a pierceable membrane.

Claim 26 (Previously Presented): A container according to claim 24, wherein the connector includes centrally a rigid straight duct covered with a flexible and pierceable sheath.

Claim 27 (Previously Presented): A container according to claim 20, wherein the attachment includes centrally a rigid straight duct covered with a flexible and pierceable sheath.

Claim 28 (Previously Presented): A container according to claim 20, wherein the length of the hollow needle is the same as or less than the height of the container.

Claim 29 (Previously Presented): A container according to claim 20, wherein the length of the third cannula is at least equal to the height of the container.

Claim 30 (Previously Presented): A container according to claim 20, wherein the shape of the container is substantially cylindrical.

Claim 31 (Previously Presented): A container according to claim 20, wherein the shape of the bottom end of the container is substantially tapered.

Claim 32 (Previously Presented): A container according to claim 31, wherein the shape of the bottom end of the container is substantially conical.

Claim 33 (Previously Presented): A container according to claim 31, wherein the shape of the bottom end of the container is substantially frustoconical.

Claim 34 (Previously Presented): A container according to claim 31, wherein the shape of the bottom end of the container is substantially hemispherical.

Claim 35 (Previously Presented): A container according to claim 31, wherein the container further comprises a substantially circular base formed by an extension of the circular wall of the container that extends around the bottom end of the the container.

Claim 36 (Previously Presented): A container according to claim 20, wherein the lid is configured to be screwed onto the top end of the container.

Claim 37 (Previously Presented): A container according to claim 20, wherein the container is graduated.